



Docket No.: 13111-00035-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Rainer Stürmer et al.

Application No.: 10/573130✓

Confirmation No.: N/A

Filed: March 23, 2006

Art Unit: N/A

For: METHODS FOR THE PRODUCTION OF 3-METHYLAMINO-1-(THIENE-2-YL)-PROPANE-1-OL

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

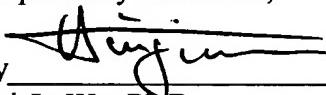
This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Applicants believe no fee is due with this response. However, if a fee is due, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13111-00035-US from which the undersigned is authorized to draw.

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/573130
				Filing Date	March 23, 2006
				First Named Inventor	Rainer Stürmer
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13111-00035-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA*	US-6,645,746-B1	11-11-2003	KIZAKI NORIYUKI et al.		
AB	US-5,362,886-A	11-08-1994	BERGLUND RICHARD A.		
AC	US-6,596,520-B1	07-22-2003	FRIEDRICH THOMAS et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	EP-0273658-B1		10-31-1990	ELI LILLY AND COMPANY	
BB	EP-0457559-A2		11-21-1991	ELI LILLY AND COMPANY	
BC	EP-1149849-B1		10-31-2001	BASF AKTIENGESELLSCHAFT	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	WHEELER, WILLIAM J., ET AL., "An Asymmetric Synthesis of Duloxetine Hydrochloride, a Mixed Uptake Inhibitor of Serotonin and Norepinephrine, and Its C-14 Labeled Isotopomers", Journal of Labelled Compounds and Radiopharmaceuticals (1995), Vol. 36, No. 3, pp. 213-223.			
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	CD	HUMMEL, WERNER, "New Alcohol Dehydrogenases for the Synthesis of Chiral Compounds", Advances in Biochemical Engineering (1997), Vol. 58, pp. 145-184.			
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	CF	HUMMEL, W., ET AL., "Sequence 7 from Patent US 6225099", August 9, 2001, Accession No. AR148418.			
	CG	KIZAKI, N., ET AL., "DNA Encoding Candida magnoliae Carbonyl Reductase", August 31, 2001, Accession No. AAH27641.			
	CH	BREUER, MICHAEL, ET AL., "Industrial Methods for the Production of Optically Active Intermediates", Angew. Chem. Int. Ed. (2004), Vol. 43, No. 7, pp. 788-824.			
	CI	ÉTIENNE, ANDRÉ, ET AL., "Acide Benzoyl-2 Éthanesulfonique, Acide (Thénoyl-2)-2 Éthanesulfonique et Quelques Uns de Leurs Dérivés", C. R. Acad. Sc. Paris (1979), Vol. 288, No. 1, pp. 49-52.			

Examiner Signature		Date Considered
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PTO/SB/08a/b (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				<i>Complete If Known</i>	
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				Filing Date	March 23, 2006
				First Named Inventor	Rainer Stürmer
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	13111-00035-US

CJ	METH-COHN, OTTO, ET AL., "Thiophene Analogues of Indenes - I. The Synthesis of Indanone Analogous", <i>Acta Chem. Scand.</i> (1966), Vol. B20, No. 6, pp. 1577-1587.
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CP	PEARSON, WILLIAM R., ET AL., "Improved Tools for Biological Sequence Comparison", <i>Proc. Natl. Acad. Sci. USA</i> (1988), Vol. 85, pp. 2444-2448.
CQ	NARANG, SARAN A., "DNA Synthesis", <i>Tetrahedron</i> (1983), Vol. 39, No. 1, pp. 3-22.
CR	ITAKURA, KEIICHI, ET AL., "Synthesis and Use of Synthetic Oligonucleotides", <i>Ann. Rev. Biochem.</i> (1984), Vol. 53, pp. 323-56.
CS	ITAKURA, KEIICHI, ET AL., "Expression in <i>Escherichia coli</i> of a Chemically Synthesized Gene for the Hormone Somatostatin", <i>Science</i> (1977), Vol. 198, pp. 1056-1063.
CT	iKE, YOSHiMASA, ET AL., "Solid Phase Synthesis of Polynucleotides. VIII. Synthesis of Mixed Oligodeoxyribonucleotides by the Phosphotriester Solid Phase Method", <i>Nucleic Acids Research</i> (1983), Vol. 11, No. 2, pp. 477-488.
CU	ARKIN, ADAM P., ET AL., "An Algorithm for Protein Engineering: Simulations of Recursive Ensemble Mutagenesis", <i>Proc. Natl. Acad. Sci. USA</i> (1992), Vol. 89, pp. 7811-7815.
CV	DELAGRAVE, SIMON, ET AL., "Recursive Ensemble Mutagenesis", <i>Protein Engineering</i> (1993), Vol. 6, No. 3, pp. 327-331.
CW	THOMAS, KIRK R., ET AL., "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells", <i>Cell</i> (1987), Vol. 51, pp. 503-512.
CX	TAKESHITA, SUNAO, ET AL., "High-copy-number and Low-copy-number Plasmid Vectors for <i>lacZ</i> α -Complementation and Chloramphenicol- or Kanamycin-Resistance Selection", <i>Gene</i> (1987), Vol. 61, pp. 63-74.
CY	TOMOYASU, TOSHIFUMI, ET AL., "Genetic Dissection of the Roles of Chaperones and Proteases in Protein Folding and Degradation in the <i>Escherichia coli</i> Cytosol", <i>Molecular Microbiology</i> (2001), Vol. 40, No. 2, pp. 397-413.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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